

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPS60R800CE	**Issued**	25. June 2021
MA#	MA005558524		
Package	PG-TO251-3-343	**Weight***	340.34 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	2.737	0.80	0.80	8041	8041
leadframe	inorganic material	phosphorus	7723-14-0	0.055	0.02		163	
	non noble metal	iron	7439-89-6	0.185	0.05		543	
	non noble metal	copper	7440-50-8	184.668	54.26	54.33	542600	543306
wire	non noble metal	aluminium	7429-90-5	0.512	0.15	0.15	1504	1504
encapsulation	organic material	carbon black	1333-86-4	0.724	0.21		2126	
	plastics	epoxy resin	-	19.541	5.74		57415	
	inorganic material	silicondioxide	60676-86-0	124.481	36.58	42.53	365754	425295
leadfinish	non noble metal	tin	7440-31-5	4.771	1.40	1.40	14017	14017
solder	non noble metal	tin	7440-31-5	0.053	0.02		157	
	noble metal	silver	7440-22-4	0.067	0.02		196	
	non noble metal	lead	7439-92-1	2.547	0.75	0.79	7484	7837
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com